Patent Attorney's Docket No. 032840-003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE CARE						
In re Patent Application of Ted JOHANSSON et al. Application No.: 09/500,944 Filed: February 9, 2000 For: SEMICONDUCTOR DEVICE WITH DEEP SUBSTRATE CONTACTS)) Group Art Unit: 2811)) Examiner: Unassigned))))))					
AMENDMENT/REPLY TRANSMITTAL LETTER						

AMENDMENT/REPLY TRANSMITTAL LETTER

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Enclosed is a reply for the above-identified patent application.								
[]	A Parition for Extension of Time is also enclosed.							
[]	A Terminal Disclaimer and a check for [] \$55.00 (248) [] \$110.00 (148) to cover the requisite Government fee are also enclosed.							
[]	Also enclosed is							
[]	statement(s) claiming small entity status [] are also enclosed [] were submitted previously.							
[]	A Request for Entry and Consideration of Submission under 37 C.F.R. § 1.129(a) (146/246) is also enclosed.							
[X]	No additional claim fee is required.							
r 1	An additional claim fee is required, and is calculated as shown below:							

Amendment/Reply Transmittal Letter Application No. <u>09/500,944</u> Attorney's Docket No. <u>032840-003</u> Page 2

	No. OF CLAIMS	HIGHEST NO. OF CLAIMS PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	ADDT'L FEE
Total Claims		MINUS =		× \$18.00 (103) =	
Independent Claims		MINUS =		× \$78.00 (102) =	
If Amendment adds mult	iple dependent	claims, add \$260.00	(104)		
Total Amendment Fee					
If small entity status is cl	laimed, subtrac	ct 50% of Total Ame	ndment Fee		

l	. 1	A claim fee	in the	amount of \$	1S	enclosed.
ſ	1	Charge \$		to Deposit Accoun	t No.	02-4800.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17, 1.20(d) and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No.02-4800. This paper is submitted in duplicate.

Respectfully submitted,

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Date: May 4, 2000

Attorney's Docket No. 032840-003

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In re Patent Application of Ted JOHANSSON et al. Application No.: 09/500,99

Group Art Unit: 2811

Examiner: Unassigned

Filed: February 9, 2000

SEMICONDUCTOR DEVICE WITH For:

DEEP SUBSTRATE CONTACTS

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Prior to initial examination, please amend the above-identified patent application as follows.

IN THE CLAIMS

Please dancel claim 10 without prejudice or disclaimer.

Please add new claim 11 as follows:

A semiconductor integrated circuit mounted in a package, said package having a plurality of pins connecting to the semiconductor circuit, and said circuit having a plurality of semiconductor devices, wherein at least one of said semiconductor devices is a semiconductor device arranged at a surface of a semiconductor substrate, having an initial doping, said device having an electrical connection comprising at least one plug made of a material with a high conductivity, between said initially doped substrate and said surface of

